

Title (en)

ALTERED VISION VIA STREAMED OPTICAL REMAPPING

Title (de)

VERÄNDERTE ANSICHT ÜBER GESTREAMTES OPTISCHES REMAPPING

Title (fr)

VISION MODIFIÉE PAR REMAPPAGE OPTIQUE TRANSMIS EN CONTINU

Publication

EP 3189514 A1 20170712 (EN)

Application

EP 15764025 A 20150902

Priority

- US 201462044973 P 20140902
- US 2015048150 W 20150902

Abstract (en)

[origin: WO2016036860A1] Devices and methods for personalized real time optical remapping of streamed content are provided. The personalized optical remapping can correct for a wide variety of visual deficiencies or preferences by manipulating visual and spatial elements of streamed content. A device for presenting a personalized visual feed to a user includes a sensor module for detecting a visual input and providing a visual feed, a transformation module performing a computational transformation, selected according to a visual deficit or personal preference of the user, on at least a portion of the visual feed producing a personalized visual feed, and a visual display presenting the personalized visual feed to the user.

IPC 8 full level

G09B 21/00 (2006.01)

CPC (source: EP US)

G02C 7/04 (2013.01 - US); **G02C 11/10** (2013.01 - US); **G06T 3/18** (2024.01 - US); **G06T 3/20** (2013.01 - US); **G06T 3/60** (2013.01 - US); **G06T 5/92** (2024.01 - US); **G09B 21/008** (2013.01 - EP US); **G02C 2202/10** (2013.01 - US); **G06T 2207/10024** (2013.01 - US)

Citation (search report)

See references of WO 2016036860A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016036860 A1 20160310; EP 3189514 A1 20170712; US 2018218642 A1 20180802

DOCDB simple family (application)

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